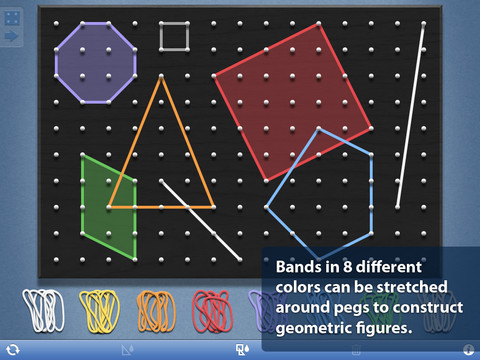
Christine Williamson

EDU 699-Integrating iPads in the Classroom

Lesson Plan 2

**Geoboard by The Math Learning Center**



**Grade Level-**Kindergarten

**Standards-** MA 0.2.1a Sort and name two-dimensional shapes (e.g., square, circle, rectangle, triangle)

LA 0.4.1 Multiple Literacies: Students will gain knowledge, identify main idea, and communicate information in a variety of media and formats (textual, visual, and digital).

**Objective-**Students will name and create squares, circles, rectangles, and triangles.

**Materials-**iPad, document camera or Apple TV, the app Geoboard by The Math Learning Center, geoboards, rubber bands, chart paper divided into four columns, pictures of objects for the four shapes

**App Link-**  http://itunes.apple.com/us/app/geoboard-by-math-learning/id519896952?mt=8

**Lesson Steps**

1. read The Shape of Things by Dayle Ann Dodds
2. Talk about each shape and what makes each shape different.
3. Call out a shape and have students find an object in the room with that shape.
4. Gather students on the rug and give student a picture of an object. Have students tell the shape of the object. Invite them to tell you the shape and glue it onto the correct column on the sorting chart.
5. Gather students on the floor in front of the projection screen, and give each student a geoboard and some rubber bands.
6. Access the app Geoboard by The Math Learning Center and project onto the board using the Apple TV or document camera.
7. Model how to use this app to create shapes.
8. Draw sticks to have students come forward to create a given shape on the iPad while the rest of the students create the shape on their own geoboard with rubber bands.

**Assessment-**Students will be assessed through observation and questioning during the lesson activities.

Have students continue using this app to practice making shapes during guided math time.